I hereby certify that this correspondence is being transmitted by facsimile addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, at facsimile number (571) 273-8300, on:

By: Sharown Fritz

Attorney Docket No: 0178.210US

RECEIVED
CENTRAL FAX CENTER

JAN 1 1 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jeremy Minshull, et al.

Application No.: 09/920,607

Filed: July 31, 2001

For: BIOSENSORS, REAGENTS AND DIAGNOSTIC

APPLICATIONS OF DIRECTED EVOLUTION

Examiner: My Chau T. Tran

Art Unit: 1639

AMENDMENT AND RESPONSE

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The following amendments and remarks address the Office Action mailed July 11, 2006. A petition for a three month extension of time authorizing the Commissioner to charge the requisite fee pursuant 37 C.F.R. § 1.17 is enclosed. The petition thus effectively extends the period of response from October 11, 2006 to January 11, 2007.

Amendments to the Specification begin on page 2 of this submission.

Amendments to the Claims are reflected in the listing of claims which begins on page 10 of this submission.

Remarks begin on page 31 of this submission.